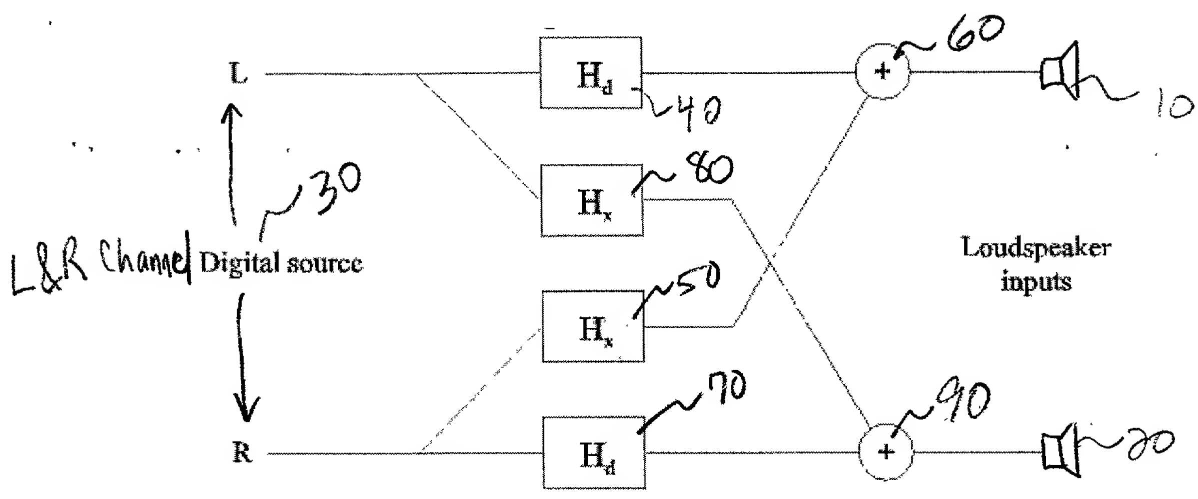

FIG. 1

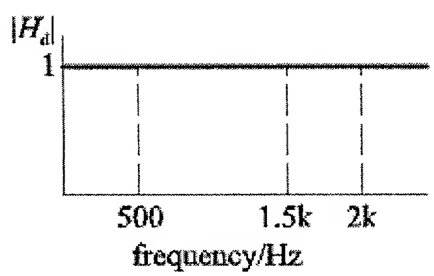

FIG. 2A

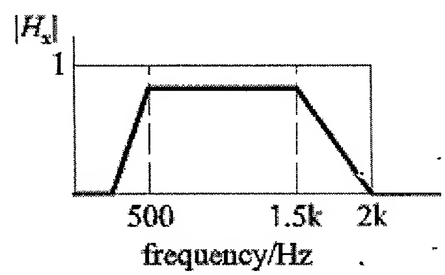

FIG. 2B

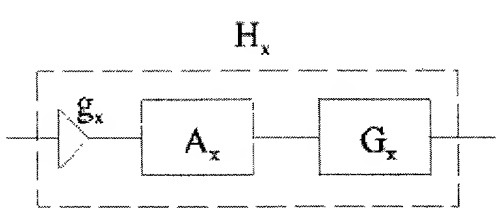

FIG. 3A

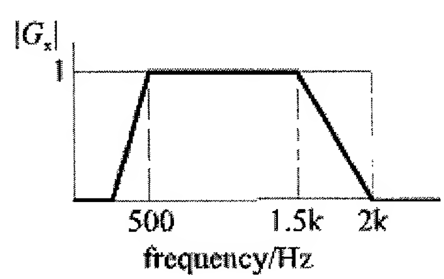

FIG. 3B

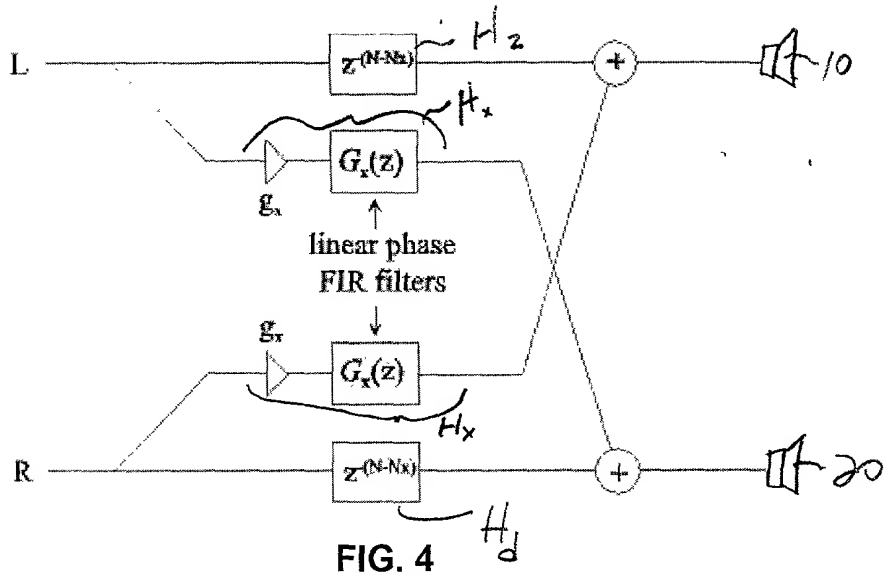
L
$z^{-(N-Nx)}$
H_2
10
H_x
$G_x(z)$
g_x
linear phase
FIR filters
g_x
$G_x(z)$
H_x
R
$z^{-(N-Nx)}$
20
H_d

FIG. 4

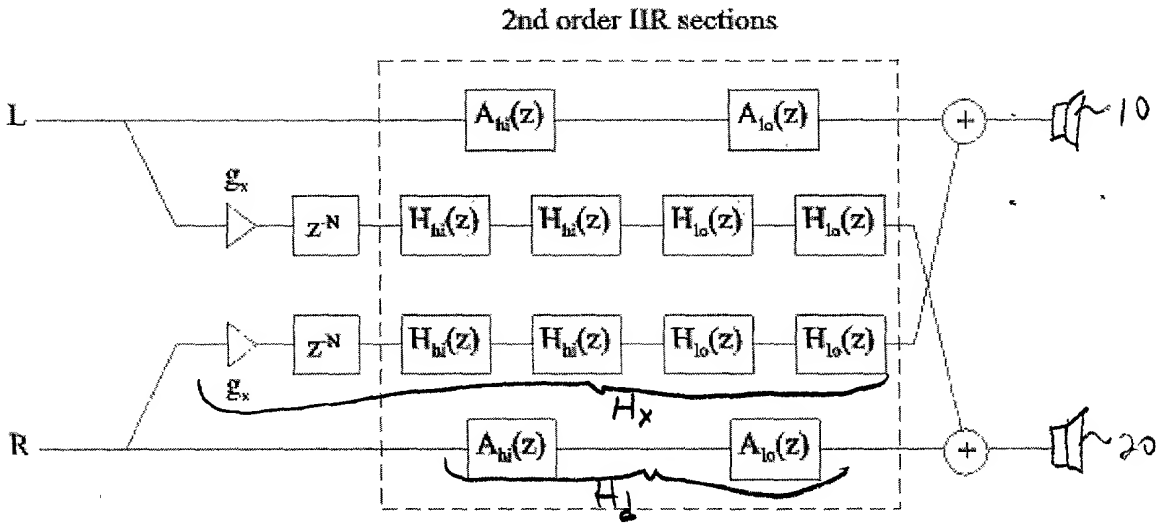
2nd order IIR sections
L
$A_{hi}(z)$
$A_{lo}(z)$
10
g_x
z^{-N}
$H_{hi}(z)$
$H_{hi}(z)$
$H_{lo}(z)$
$H_{lo}(z)$
z^{-N}
$H_{hi}(z)$
$H_{hi}(z)$
$H_{lo}(z)$
$H_{lo}(z)$
g_x
H_x
R
$A_{hi}(z)$
$A_{lo}(z)$
20
H_d

FIG. 5